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Glenn P. Ladwig, Patent Attorney

INFORMATION DISCLOSURE STATEMENT Examining Group 1645

Patent Application
Docket No. GJE-1059

Serial No. 10/564,795

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner

(Not yet assigned)

Art Unit

1645

Applicant

Daniel Henry Densham

Serial No.

10/564,795

Filed

January 13, 2006

Conf. No.

3336

For

Sensing Element for a Biosensor

MS AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313

<u>INFORMATION DISCLOSURE STATEMENT</u> <u>UNDER 37 C.F.R. §§1.97 AND 1.98</u>

Sir:

The patent application referred to above was filed in the U.S. Patent Office as a national application under 35 U.S.C. §371. The applicant has been notified that a copy of the International Search Report has been made available in the national stage file as indicated on the Notification of Acceptance of the Application under 35 U.S.C. §371 (Form PCT/DO/EO/903). The Notification does not indicate whether copies of the references cited in the International Search Report were received by the Patent Office. Therefore, copies of the references cited in the International Search Report are enclosed for the Examiner's convenience. In accordance with 37 C.F.R. §1.56, the applicant hereby requests that the references cited in the International Search Report and listed on the

attached form PTO/SB/08 be made of record and considered in the examination of the subject application.

The applicant respectfully asserts that the substantive provisions of 37 C.F.R. §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,

Glenn P. Ladwig

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Attachments: Form PTO/SB/08 (2 pages); copies of cited references

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PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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Complete if Known Substitute for form 1449A/PTO **Application Number** 10/564,795 INFORMATION DISCLOSURE Filing Date January 13, 2006 STATEMENT BY APPLICANT First Named Inventor **Daniel Henry Densham** (use as many sheets as necessary) **Art Unit** 1645 **Examiner Name Attorney Docket Number** of Sheet 1 2 GJE-1059

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-			
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	FOREIGN PATENT DOCUMENTS					
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Examiner Initials*	Cite No. 1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
	F1	WO 01/20295 A2	03-22-2001	Technion Res. and Devlpmt. Found.	All	
	F2	WO 01/09388 A1	02-08-2001	Penn State Res. Found.	All	
	F3	WO 99/05315 A2	02-04-1999	Medical Biosystems Ltd.	All	
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Complete if Known Substitute for form 1449B/PTO **Application Number** 10/564,795 INFORMATION DISCLOSURE Filing Date January 13, 2006 STATEMENT BY APPLICANT First Named Inventor **Daniel Henry Densham Group Art Unit** 1645 (use as many sheets as necessary) **Examiner Name Attorney Docket Number** GJE-1059 Sheet of 2

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposlum, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	R1	CHENG, S-F. and CHAU, L-K. "Colloidal gold-modified optical fiber for chemical and biochemical sensing" <i>Anal. Chem.</i> , 2003, 75:16-21.	
	R2	HAES, A. and VAN DUYNE, R. "A nanoscale optical biosensor: Sensitivity and selectivity of an approach based on the localized surface Plasmon resonance spectroscopy of triangular silver nanoparticles" <i>J. Am. Chem. Soc.</i> , 2002, 124:10596-10604.	
	R3	HE, L. et al. "Colloidal Au-enhanced surface Plasmon resonance for ultrasensitive detection of DNA hybridization" J. Am. Chem. Soc., 2000, 122:9071-9077.	
	R4	LOCHNER, N. et al. "Silver nanoparticle enhanced immunoassays: one step real time kinetic assay for insulin in serum" Eur. J. Pharmaceu. Biopharmaceu., 2003, 56:469-477.	
	R5	LYON, L.A. et al. "Surface Plasmon resonance of colloidal Au-modified gold films" Sensors and Actuators B, 1999, 54:118-124.	
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